

WE CLAIM

1. A method of treating pulp, in which method pulp is transferred from a first, higher consistency to a treatment in a second, lower consistency, **characterized** in that
5 that
 - a) gas is separated from the pulp in a consistency higher than said second consistency,
 - b) pulp is pumped to the treatment taking place in the second, lower consistency, and
 - 10 c) pulp is diluted to said second consistency prior to the treatment in said consistency.
2. A method according to claim 1, **characterized** in that pulp is diluted from said first consistency to a consistency higher than the second consistency in step
15 a).
3. A method according to claim 2, **characterized** in that pulp is diluted from the discharge consistency of the press to medium consistency.
- 20 4. A method according to claim 1, **characterized** in that said first consistency is the discharge consistency of a washing apparatus.
5. A method according to claim 1, **characterized** in that said consistency higher than the second consistency is medium consistency.
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6. A method according to claim 1, **characterized** in that the treatment taking place in low consistency is screening (50).
7. A method according to claim 1, **characterized** in that in step c) the pulp is
30 diluted to a consistency of about 1 - 3 %.
8. A method according to claim 1, **characterized** in that step a) is performed by means of a turbulence-forming rotor (32).

9. A method according to claim 1, **characterized** in that steps a) and b) are performed by means of a so-called MCTM pump.

5 10. A method according to claim 2, **characterized** in that said dilution is performed with the assistance of a bottom scraper (22).

11. A method according to claim 1, **characterized** in that the treatment taking place in low consistency is washing, pressing, dewatering or filtering (55).

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12. An arrangement for treating pulp, the arrangement comprising at least a first pulp treatment apparatus, from which the pulp is discharged in a first consistency, a second pulp treatment apparatus the operation of which requires a second consistency lower than the discharge consistency of the first pulp treatment apparatus, and a pump for transferring pulp to the second pulp treatment apparatus, **characterized** in that both an apparatus for degassing the pulp at a consistency higher than said second consistency and an apparatus (28) for diluting pulp to the consistency required by the second pulp treatment apparatus (50) is arranged between the pump (26) and the second pulp treatment apparatus (50).

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13. A pulp treating arrangement according to claim 12, **characterized** in that an apparatus (26; 32) for separating gas from pulp in higher consistency than the treatment consistency of the second pulp treatment apparatus (50) is arranged between the first pulp treatment apparatus (5) and a second pulp treatment apparatus (50).

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14. A pulp treating arrangement according to claim 12 and 13, **characterized** in that said pump (26) is a gas separating pump.

30 15. A pulp treating apparatus according to claim 13, **characterized** in that said gas separating apparatus is a turbulence-forming rotor (32) arranged in the drop leg (30) prior to the pump (26).

16. A pulp treating arrangement according to claim 12 or 15, **characterized** in that said pump (26) is a so-called MCTM pump.

5 17. A pulp treating arrangement according to claim 12, **characterized** in that said first pulp treatment apparatus (5) is a washing apparatus, such as a pressurized drum washer, suction drum washer, wire press or a wash press.

18. A pulp treating arrangement according to claim 12, **characterized** in that the second pulp treatment apparatus (50) is a screening apparatus.

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19. A pulp treating arrangement according to claim 12, **characterized** in that said dilution apparatus is a rotary or static mixer (28).

15 20. A pulp treating arrangement according to claim 12, **characterized** in that said dilution apparatus is a centrifugal pump.

21. A pulp treating arrangement according to claim 12, **characterized** in that the second pulp treatment apparatus (55) is a pressurized drum washer, suction drum washer, wire press or a wash press.

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